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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,204	07/18/2003	Wolfgang Niehoff	GK-EIS-1066 / 500593.2005	2873
7590	09/27/2005		EXAMINER ENSEY, BRIAN	
Gerald H. Kiel, Esq. REED SMITH LLP 599 Lexington Avenue New York, NY 10022-7650			ART UNIT 2646	PAPER NUMBER

DATE MAILED: 09/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/623,204

Applicant(s)

NIEHOFF, WOLFGANG

Examiner

Brian Ensey

Art Unit

2646

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 29 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 and 2 are rejected under 35 U.S.C. 102(e) as being anticipated by Bodley et al.

U.S. Patent Application Publication 2002/0021800.

Regarding claims 1 and 2, Bodley discloses a microphone (2) comprising: a color display (161) which is visible from the outside and which signals the ready status of the microphone; and a switching device (24) being provided for switching the color of the display, wherein the microphone has multicolored LED elements, wherein the LED lights can be controlled by said switching device in such a way that only a desired color is visible from the outside (See Figs. 8 and 19 and paragraphs 0011, 0060, 0071, 0074 and 0078).

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bodley in view of

Bejin U.S. Patent No. 5,406,729.

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Regarding claim 3, Bodley discloses an illumination (161) which emits light is provided in the microphone (See paragraph 0071). Bodley does not expressly disclose the illumination is white light covered by a rotatable disk in which windows of different colors are formed. However, the use of a rotatable disk in which windows of different colors are formed as a light filter is well known and Bejin teaches an illumination is white light (24) covered by a rotatable disk (25) in which windows of different colors (40) are formed (See Fig. 7 and col. 2, lines 37-42 and col. 3, lines 4-10). It would have been obvious to one of ordinary skill in the art at the time of the invention to utilize a multicolored, light filtering, rotating disk as taught by Bejin in the device of Bodley to provide the function of changing color of the led.

Claims 4 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bodley in view of Bejin in further view of Freudenschuss et al. U.S. Patent No. 4,239,356.

Regarding claims 4 and 5, the combination of Bodley in view of Bejin does not expressly disclose LED illumination is pulsed and information can be transmitted by way of the illumination and evaluated automatically by a studio TV camera system. However, Bodley teaches a wireless communication system with a microphone for use with a base station, telephone network, PC or other equipment with which sound is being transmitted and additionally in short-distance forms of communication and an led array capable of displaying multiple functions by flashing at different rates (See paragraphs 0074 and 0078). The use of pulsed light for data transmission is well known in the art and Freudenschuss teaches a wireless microphone (2) utilizing a light signal transmission system (36,37,38) to transmit data to a TV camera (1) (See Figs. 5 and 6 and col. 2, lines 37-64). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to use the data transmitted by the wireless microphone as taught by the combination of Bodley in view of Bejin to a studio TV camera system.

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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Ensey whose telephone number is 571-272-7496. The examiner can normally be reached on Monday - Friday 6:30 AM - 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on 571-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**Or faxed to:**

(571) 273-8300, for formal communications intended for entry and for informal or draft communications, please label "PROPOSED" or "DRAFT".

Hand-delivered responses should be brought to: Customer Service Window, Randolph Building, 401 Dulany Street, Arlington, VA 22314

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**SINH TRAN  
SUPERVISORY PATENT EXAMINER**

BKE  
September 22, 2005